**RAKESH CHOWDARY PEDAVALLI**

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Portfolio: <https://master--aesthetic-chaja-7f2d14.netlify.app/>

**EDUCATION**

**Master of Science in Information Technology Jan 2022- April 2023**

University of Cincinnati, Cincinnati, Ohio

**Bachelor of Technology Aug 2017- July 2021**

KKR and KSR Institute of Technology and Science

**TECHNICAL SKILLS**

**Languages:** C, Python, Java.

**Web Technologies:** HTML, CSS, Bootstrap, JavaScript, TypeScript, React JS, Node.JS, MVC Framework, AngularJS.

**Databases:** MySQL, Postman, PostgreSQL**.**

**Tools:** Visual Studio, Visual Studio Code, MS Office, Tableau, R Studio, Power BI, IntelliJ IDEA, Anaconda, PyCharm.

**Platforms:** Windows, Mac, Linux, Amazon Web Services, Azure Cloud Platform, iOS.

**Dev-Ops:** GIT, maven, CI/CD.

**Certifications:** Software Engineering Virtual Experience- **JPMorgan Chase & Co.,** JavaScript Algo & DSA- **Freecodecamp**

Java programming by NPTEL **IIT Kharagpur**, Problem-solving through programming in C by NPTEL **IIT Kharagpur**

**RAMIT- Dallas, Tx**

**Full Stack Developer – Bank portal Enhancement Jan 2023 – Jul 2023**

* + - **Java** and **J2EE** technologies to develop robust and scalable backend services, ensuring seamless data processing and interaction.
    - Responsible for developing web pages using **JSP**, **jQuery**, **Ajax**, **HTML**, **CSS**, and **JavaScript** for reports in application.
    - Designed and optimized complex **SQL** queries for retrieving and manipulating customer data in the **DB2** database.
    - Created **Restful API’s** by calculating the end points for **CRUD** operations, Used **Node.js**, **Express.js** and **Spring Data JPA.**
    - Utilized **Visual Studio** and **Git** for version control, continuous integration, and continuous deployment, ensuring a streamlined development process and faster releases.
    - Expertise in writing test cases using **JUnit**. Used **Apache Maven** and **Gradle** for dependency Injection.

**University of Cincinnati- Cincinnati, OH**

**Software Developer Jul 2022- Dec2022**

* + - Part of the front-end software development team, ITSC, University of Cincinnati.
    - Used **React** and **node.js** for creating web interfaces.
    - Used **REST API** for the data resources.
    - Developed and debugged the code.
    - Assisted in quality assurance of the projects by conducting manual tests.

**NOVIRE Technologies- India**

**Software Developer- AutoPlant** **Sep 2020 – Aug 2021**

* + - Build services and actions using **Java**, **JDBC**, **Servlets** and **Structs** to process the data from database.
    - Responsible for developing web pages using **JSP**, **jQuery**, **Ajax**, **HTML**, **CSS**, and **JavaScript** for reports in application.
    - Build supply chain dashboard for providing vehicle tracking status and **ETAs** using **JSP**, **Spring MVC**, **Hibernate**, **jQuery**, **Ajax**.
    - Expertise in writing test cases using **JUnit**.
    - Used **Hibernate** to transform the data into the database by writing Java Code. Worked on **GPS tracking** system for tracking the Delivery Vehicles.
    - Created Tokens for the incoming vehicles and keep the track of the vehicle in the plant.

**ACADEMIC PROJECTS**

**Weather Reporting and Analysis Application**

* + - Developed a responsive Weather App using **React** that allows users to check current weather conditions.

**Voice Assistant:**

* + - Developed a Voice Assistant using **Flutter** framework using **Dart** language and **ChatGPT**, **Dal -E** APIs.

**My Portfolio:**

* + - Incorporated smooth animations and transitions to create an engaging and visually appealing user experience.
    - Used **Expressjs**, **MS SQL** to Integrate the contact form that allows visitors to get in touch, enhancing networking opportunities.
    - Deployed the web application in the **netlify** platform.